SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number: Date(s) Collected (MMDD/YY): 9/9/15 Collector Name(s): LAMPYN P&D, E.DP-15-KLC									
Date(s) Collected (MMDD/YY): 9/9/15 COLLECTION DATA Family: ASTRACEASE No. of Plants Sampled (min. 50): 300 Genus: MIKANIA No. of Plants Found (approx.): 5,000 Species: SCANDENS Area Sampled (min. 50): 300 Species: SCANDENS Area Sampled (mores): 3 Subspecies/Variety: Seeds Collected From: Plants Found Both Unknown Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: Ci (MDNG HEMPUNE NRCS PLANTS Code: MISC LOCATION DATA Ecoregion (Omemik Level III): 63 State: VA County: ACCOMACK Subunit (MINUTERTURE NATIONAL (trail name, etc.); VA NON-BLM Permission Filed: VY N FROM CHINCOTEACTME NWR VISITORS THE NAME OF PARKING APEA Source Used: GES Map None Accurage: GFS Within Stam 6-20km More than 20km GPS Datum: NADS3 NAD27 (WGSW Other: Latitude (dg/min/sec) (cs. CO) MISS NAD27 (WGSW Other: Latitude (dg/min/sec) (cs. CO) MISS NAME (GG/min/sec) (cs. CO) MIS	Seed Collection Ref. Number:		NUBG-278	3	Colle		NCB G		
COLLECTION DATA Family: AGRETACE No. of Plants Sampled (min. 50): 300 Genus: MIRANIA No. of Plants Found (approx.): 5,000 Species: 5CANDENS Seeds Collected From: (Plants) Ground Both Unknown Plant Habit: Tree Shrub Ford Succulent Grass/Grasslike Plant Height (Feet): 5-10 Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLAMBING HEMPVINE NRCS PLANTS Code: M15C LOCATION DATA Ecoregion (Omemik Level III): 63 Subunit (MINCUTER TIME NATIONAL (Irail name, etc.): MOUNTER TIME PROME PERFORMENT COMMENT (Irail name, etc.): Non-BLM Permission Filed: V N Location Details: SOUTHWEST ON BEACH ACCESS POAD FOR 2.9 MILES. IN MARSH TO THE NW OF PARKING APEA. Source Used: GES Map None Accuracy: GPS Within Skm 6-20km More than 20km Location String (aginin/sec) (ex. 69 M1959) Location Details: 37 631 24.9 N Elevation: 13 Latitud (aginin/sec) (ex. 69 M1959) Alsociated Species (Scientific Name): IVA FPATESUENS, TEUCRIUM GANDENSE, ITBIS LINE MOSC (ex. 107 85) 313 47 W) HABITAT DATA Associated Species (Scientific Name): IVA FPATESUENS, TEUCRIUM GANDENSE, ITBIS LINE MOSC (ex. 107 85) 313 47 W) HABITAT DATA Associated Species (Scientific Name): IVA FPATESUENS, TEUCRIUM GANDENSE, ITBIS LINE MOSC (ex. 107 85) 313 47 W) HABITAT DATA Associated Species (Scientific Name): IVA FPATESUENS, TEUCRIUM GANDENSE, ITBIS LINE MOSC (ex. 107 85) 313 47 W) HABITAT DATA Associated Species (Scientific Name): IVA FPATESUENS, TEUCRIUM GANDENSE, ITBIS LINE AUGUSTANA FERMINANA FERM	2				Collector Name(s):				L
Family: AFRENCEAE No. of Plants Sampled (min. 50): 500 Genus: MIKANIA No. of Plants Found (approx.): 5,000 Species: 5CANDENS Area Sampled (min. 50): 5,000 Species: 5CANDENS Area Sampled (min. 50): 5,000 Subspecies/Variety: Seeds Collected From: Plants Found (approx.): 5,000 Area Sampled (min. 50): 5,000 Both Unknown Flant Height (Feet): 5-10 Flant Height (Date(s) Collected (M	IM/DD/YY):	9/9/15		Collection	n Number:	278		
Pamily: ASTERACEAE No. of Plants Sampled (min. 50): JOO				Al	Alt. Collection Number:				
Genus: MIKANIA No. of Plants Found (approx.): 5,000 Species: 5CANDENS Area Sampled (acres): 3 Subspecies/Variety: Seeds Collected From: Plants Ground Both Unknown Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 5-10 Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMPING HEMPVINE NRCS PLANTS Code: MIGC LOCATION DATA Ecoregion (Omernik Level III): 68 State: VA County: ACCOMACK Subunit (BLM area, park WILDIAFE REFLICE Land Owner: USFWS Non-BLM Permission Filed: V) N FROM CHINCOTEACTURE NWR VISITORS CENTER, HEAD Location Details: SOUTHWEST ON BEACH ACCESS ROAD FOR 2.6 MILES IN MARSH TO THE NW OF PARK-ING AREA. Source Used: GPB Map None Accuracy: GPB Fithin km G-20km More than 20km Latitude (dg/min/sec) (cg/min/sec)	COLLECTION I	<u>DATA</u>							Í
Species: SCANDENS Subspecies/Variety: Seeds Collected From: Plant Ground Both Unknown Plant Habit: Tree Sitrub Forb Succulent Grass/Grasslike Plant Height (feet): 5-10 Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMBING HEMPUNE NRCS PLANTS Code: MISC LOCATION DATA Ecoregion (Omernik Level III): 68 Subunit (BLM area, park name, etc.): Land Owner: W5FW5 Land Owner: W5FW5 Location Details: Solutitive 51 ON BEACH ACLESS ROAD FOR ALTHOUTEAGUE NWR VISITORS VENTER, HEAD Source Used: GPS Map None Accuracy: GPS Vibin Skm 6-20km More than 20km GPS Datum: NAD83 NAD27 WGSM Other: Latitude (dg/min/sec) (ex 40 34 19.5° N): 37.9 N Elevation: 13 Associated Species (Scientific Name): PLU CHEAD OF PLANTAL TO NATE AND SOLUTION ACCURACY. Species (Scientific Name): PLU CHEAD OF PLANTAL TO NATE AND SPACE ACCURACY. Species (Scientific Name): PLU CHEAD ODE ATTA TO XICO DE ND PON PADICANS, PHYPACIANITES AND SPACE AND PARTING APPEARAMENT AND SIGNATURE OF PUBLISHED AND SPACE AND PROPERS (Scientific Name): PLU CHEAD ODE ATTA TO XICO DE ND PON PADICANS, PHYPACIANITES AND SPACE AND PLU CHEAD ODE ATTA TO XICO DE ND PON PADICANS, PHYPACIANITES AND SPACE AND PUBLISHED AND SPACE AND PUBLISH	Family:	ASTERA	·	No. of Plants Sampled (min. 5			300		
Subspecies/Variety: Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 5-10 Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMBING HEMPUNE NRCS PLANTS Code: MISC LOCATION DATA Ecoregion (Omermik Level III): BLM area, park name, etc.): Land Owner: CHINICOTEACTUE NATIONAL (Irail name, etc.): Land Owner: Common Name(s) Non-BLM Permission Filed: Non-BL	Genus:	MIKAN		No. of Plants Found (approx.):			5,000		
Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 5-10 Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMBING HEMPVINE NRCS PLANTS Code: MISC LOCATION DATA Ecoregion (Omernik Level III): 63 State: VA County: ACCOMACK Subunit (BLM area, park name, etc.): (trail name, etc.): (trail name, etc.): (trail name, etc.): Land Owner: USFWS Non-BLM Permission Filed: YN N Location Details: FROM CHINCOTEACTURE NWR VISITORS CENTER, HEAD SOUTHWEST ON BEACH ACCESS ROAD FOR 2.9 MILES. IN MARSH TO THE NW OF PARKING AREA. Source Used: GBS Map None Accuracy: GBS futhin lem 6-20km More than 20km GPS Datum: NAD83 NAD27 (WGS)A Other: Latitude (dg/min/sec) (ex. 40 34 19.5 NW. Longitude (dg/min/sec) (ex. 40 34 19.5 NW.) Longitude (dg/min/sec) (ex. 40 34 19.5 NW.) Associated Species (Scientific Name): PLW CHES ADD PARKING AREA. Associated Species (Scientific Name): PLW CHES ADD PARKING AREA (DB)ATTA TO THE NEW CHIMP CANNOENSE, ITIBIS WS MOSE (Ex. 107 36 15 15 4"W): PLW CHES ADD PARK TO THE SECOND RADICANS, PHEADTANITES ADDS STATUS, SPARTING ADDITIONAL CANNOENSE, ITIBIS WS MOSE (Ex. 107 36 15 15 4"W): PLW CHES ADD PARK TO THE SECOND RADICANS, PHEADTANITES ADDS STATUS, SPARTING AVERANCE SPARTING AV	Species:	SCANDENS			Area Sampled (acres):			3	!
Field Notes to assist in identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMBING HEMPVINE NRCS PLANTS Code: MISC LOCATION DATA Ecoregion (Omernik Level III): 63 State: VA County: ACCOMACK Subunit (BLM area, park MUDUFE REFUGE (trail name, etc.): (trail name, etc.): Land Owner: USFWS Non-BLM Permission Filed: VY N Location Details: FROM CHINCOTEAGNE NWR VISITORS CENTER, HEAD SOUTHWEST ON BEACH ACCESS ROAD FOR 2.0 MILES. IN MARSH TO THE NW OF PARK-ING AFREA. Source Used: GBS Map None Accuracy: GPS futhin km 6-20km More than 20km GPS Datum: MAD83 NAD27 (WGS)4 Other: Latitude (dg/min/sec) (ex 40 34 19.5 N)x Congitude (dg/min/sec) (ex 107 36 51.54 W); HABITAT DATA Associated Species (Scientific Name): PLUCHEA DODPATA, TOXICO DE NIDEON RADICANS, PHEADTHNIES ANASTRAUS, SPARTINA MTERAIFLORA Type and/or National Vegetation Classification: SAU MARSH MARSH MARSH MARSH CATARON CARROLL SECOND COMERCE Common Name(s) of Plants: CLIMBING HEMPVINE NACCOMM NACCE MISS. NACCOMMON RATIONAL SECOND COMERCE NACCE NACC	Subspecies/Variety:		Seeds	Seeds Collected From: (Plants) Ground			Both Unknown		
identification of pressed specimen (e.g. flower color): Common Name(s) of Plants: CLIMBING HEMPVINE NRCS PLANTS Code: M15C LOCATION DATA Ecoregion (Omernik Level III): 68 State: VA County: ACCOMACK Subunit (BLM area, park MILDUTEF GAVE NATIONAL Area within SEACH PLAD PARKING PREA (Trail name, etc.): PARKING PREA Non-BLM Permission Filed: VN Land Owner: USFWS Non-BLM Permission Filed: VN Location Details: FROM CHINCUTE ACTUE NWR VISITOR-9 CENTER, HEAD SOUTHWEST ON BEACH ACCESS ROAD FOR 2.8 MILES. IN MAPSH TO THE NW OF PARKING APPEA. Source Used: GPS Map None Accuracy: GPS within km 6-20km More than 20km GPS Datum: NAD83 NAD27 (WGS)4 Other: Latitude (de/min/sec) (GPS MILES. IN MAPSH TO THE NW OF PARKING APPEA. Longitude (de/min/sec) (GPS MILES. IN MAPSH TO THE NW OF PARKING APPEA. Associated Species (Scientific Name): FT HABITAT DATA IVA FPUTESCENS, TEUCRIUM CANDENSE, HTB15 UB NOS. PLUCHEA ODOPATA, TDXICO DE ND PON PADICANS, PHEACMITES ANSTRAUS, SPARTINA ANTERNIFLOPA Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	Plant Habit:	Tree Sh	hrub (Forb) Succuler	nt Grass/G	rasslike	Plant I	Height (feet):	5-10	
Ecoregion (Omernik Level III): 68 State: VA County: ACCOM ACK Subunit (BLM area, park WILDUFE REFUGE) Land Owner: USFWS Non-BLM Permission Filed: VY N	identification of pressed								
Ecoregion (Omernik Level III): 68 State: VA County: ACCOMACK Subunit (BLM area, park name, etc.): WILDUMFE REPUGE Land Owner: USFWS Non-BLM Permission Filed: VIN Location Details: PROM UTINUOTEAGNE NWR VISITORS CENTER, HEAD SOUTHWEST ON BEACH ACLESS ROAD FOR 2.6 MILES IN MARSH TO THE NW OF PARKING AREA. Source Used: GPS Map None Accuracy: GPS Vithin km 6-20km More than 20km GPS Datum: NAD83 NAD27 (WGS\$4 Other: Latitude (dg/min/sec)	Common Name(Name(s) of Plants: CLIMBING HE		TEMPVIN	MPVINE		LANTS Code	: M15C	
Subunit (BLM area, park name, etc.): Land Owner: USFWS Non-BLM Permission Filed: (trail name, etc.): Location Details: SOUTHWEST ON BEACH ACLESS ROAD FOR 2.0 MILES. IN MAPSH TO THE NW OF PARKING APEA. Source Used: GBS Map None Accuracy: GPS Within 5km 6-20km More than 20km GPS Datum: NAD83 NAD27 (WGS\$4 Other: Latitude (dg/min/sec) (ex.407.36*15.54*W): Longitude (dg/min/sec) (ex.407.36*51.54*W): Longitude (dg/min/sec) (ex.407.36*51.54*W): Longitude (dg/min/sec) (EX.507.54*W): Longitude (dg/min/sec) (EX.507.54*W):	LOCATION DAT	<u>ΓΑ</u>			·				
(BLM area, park name, etc.): Land Owner: Land Owner: USFWS Non-BLM Permission Filed: (trail name, etc.): Non-BLM Permission Filed: (Y) N FROM CHINCOTEAGNE NWR VISITORS CENTER, HEAD SOUTHWEST ON BEACH ACCESS ROAD FOR 2.0 MILES. IN MARSH TO THE NW OF PARKING AREA. Source Used: (GPS Map None Accuracy: GPS Within km 6-20km More than 20km GPS Datum: NAD83 NAD27 WGS\$4 Other: Latitude (dg/min/sec) (dg/min/sec) (dg/min/sec) (ex: 107 36' 51.54" W): HABITAT DATA Associated Species (Scientific Name): PLUCHEA DOOPATA, TOXICO DENDRON RADICANS, SPARTINA ATERNIFURPA. SANT MARSH SANT MARSH Modifying Factors: Model Burned Grazed Flooded Seeded Trampled Other:	Ecoregion (Omer	nik Level III):	63				unty: ACC	MACK	
Location Details: FROM CHINCOTEACTNE NWR VISITORS CENTER, HEAD SOUTHWEST ON BEACH ACCESS ROAD FOR 2.0 MILES. IN MAPSH TO THE NW OF PARKING AREA. Source Used: GPS Map None Accuracy: GPS within km 6-20km More than 20km GPS Datum: NAD83 NAD27 WGS\$4 Other: Latitude (dg/min/sec) (ex: 40° 34° 19.5° N): Longitude (dg/min/sec) (dg/min/sec) (ex: 10° 36° 51.54° W): HABITAT DATA Associated Species (Scientific Name): IVA FPUTESCENS, TEUCRIUM CANDENSE, HTBIS WS NOSCIENTIFIC OF ACCURACY	(BLM area, park	WILDIAGE REFLACE Subunit DANKANG AREA							
Location Details: SOUTHWEST ON BEACH ACLESS ROAD FOR 2.0 MILES. IN MAPSH TO THE NW OF PARKING APPEA. Source Used: GPS Map None Accuracy: GPS Within Skm 6-20km More than 20km GPS Datum: NAD83 NAD27 WGS\$4 Other: Latitude (dg/min/sec) (ex: 40° 34′ 19.5° N): Longitude (dg/min/sec) (ex: 107° 36′ 51.54° W): HABITAT DATA Associated Species (Scientific Name): PT HABITAT DATA Associated Species (Scientific Name): PLUCHEA ODOPATA, TOXICO DENID PON RADICANS, PHEACHUNTES ANSTRAUS, PRATINAL SPARTINAL SPAR	Land Owner:	USFWS	7		Non-BLM I	Permission	Filed:	Y) N	
GPS Datum: NAD83 NAD27 WGS\$4 Other: Latitude (dg/min/sec) (ex. 40° 34° 19.5° N): Longitude (dg/min/sec) (ex. 107° 36° 51.54° W): HABITAT DATA Associated Species (Scientific Name): PLU CHEA ODOPATA TOXICO DENDRON RADICANS, PHRACTULITES AUSTRAUS, SPARTINA AUTERNIFUSPA. Ecological Site Description, Habitat Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	Location Details:	SOUTHWEST ON BEACH ACCESS ROAD							A.
Latitude (dg/min/sec) (ex: 40° 34° 19.5° N): 37° 53° 26.9° N Elevation: 13 Longitude (dg/min/sec) (dg/min/sec) (ex: 10° 36° 51.54° W): 45° 20° 37.9° W Unit (ft or m): FT HABITAT DATA Associated Species (Scientific Name): 1VA FPUTESCENS, TEUCRIUM CANDENSE, HTB15 W5 M050 PLUCHEA DD0PATA, TDX1 C0 DENDRON RADICANS, PHEACTUNITES AMSTRAUS, PHEACTUNITES AMSTRAUS, PHEACTUNITES AMSTRAUS, PHEACTUNITES AMSTRAUS, PARTINA ATTERNITUDA. Ecological Site Description, Habitat Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	Source Used:	GP8 Maj	p None Accura	cy: GF	S Withi	in şkm 6-	-20km Moi	re than 20km	
(dg/min/sec) 37 59 24.9" N Elevation: 13 Longitude (dg/min/sec) 15 24 37.9" W Unit (ft or m): FT HABITAT DATA IVA FPUTESCENS, TEUCRIUM CAMPOENSE, MBIS US MOSE Associated Species (Scientific Name): PLUCHEA DOPATA, TOXICO DE NO BON RADICANS, PHEACTURITES AMSTRAUS, SPARTINA AUTERNIFLOPA. Ecological Site Description, Habitat Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	GPS Datum:	NAD83	NAD27 (WGS	4 Other:					
Longitude (dg/min/sec) 15° 20° 37.9° W Unit (ft or m): FT HABITAT DATA Associated Species (Scientific Name): PLUCHEA ODOPATA, TOXICO DENDRON RADICANS, PHRACTIVITES ANSTRAUS, PHRACTIVITES ANSTRAUS, PARTINA ATTERNIFICATA Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	(dg/min/sec)	37°	53' 26.9'	į.	N	Ele	evation:	13	
Associated Species (Scientific Name): NA FRUTESCENS, TEUCRIUM CAMPOENSE, ITBISUS MOSE PLUCHEA ODOPATA, TOXICODENIDRON RADICANS, PHRACIUITES ANSTRAUS, SPARTINA AUTERNIFUDPA Type and/or National Vegetation Classification: Modifying Factors: Moved Burned Grazed Flooded Seeded Trampled Other:	Longitude (dg/min/sec)	75°	20 37.0	1 1	W	Unit (f	ft or m):	FT	
Associated Species (Scientific Name): PLUCHEA ODOPATA, TOXICODE NO BON RADICANS, PHRACHWITES ANSTRAUS, SPARTINA ATTERNIFICANS Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	HABITAT DATA	:							
Ecological Site Description, Habitat Type and/or National Vegetation Classification: Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:	Associated Species	(Scientific Na							1050 A
		tional Vegeta	bitat SAUT 1			SPA	PTINA M	UTERNIFLORA	₹.
Land Form: IN A DAL 9 M Slone (decrees).	Modifying Factors:	Mowed Bu	ırned Grazed Floo	ded Seede	d Trample	ed Other:			
10(NF 11)	Land Form:	MAR	Lan		Slope (deg	grees):	Ø-2°	,	

Land Use	: CONSERVATION	/ RECREA	TION	Æspect:	N NE E SI	E S SW W NW			
Geology	" MIXED, THER	MIXED, THERMIC TYPIC PSAMMAQUENTS							
Soil Texture	Soil Texture: Clay Silt (Sand) Other			Soil Color:	loyr	4/2			
HERBARIUM	VOUCHERS								
Number o	f pressed specimens:	Date	Voucher Taken:	9/9/15	5				
Herbaria l	Names (Smithsonian, Regional, Local):	US.	, N.C.U	•	, ,	·			
SPECIALIST I	DENTIFICATION	<u>.</u>							
Identified by (name and organizationa	l affiliation):	LAMPE	H MAYAI	ARD, NC	BG			
Material Identified:	In Field From From Pressed Specimen		imen on Day of (ate From 1		Date Identified (MM/DD/YY):	9/9/15			

PRE-COLLECTION CHECKLIST

This section is for your reference only and not required as part of the data collected by the SOS National Coordinating Office. The conditions indicated in **boldface** describe ideal population size and seed dispersal stage for seed collecting.

Assess Population & Seed Dispersal Stage
Approximate area of population: x (feet, yards, miles)
Approximate total number of individual plants present and accessible: 0-50 50-500 500-5000 > 5000
Evidence of disturbance or damage: Resown Burnt Sprayed No damage
Readiness of population for collecting: give percentages or circle the most frequently occurring:
Vegetative In flower Immature seeds <u>Around natural dispersal</u> Post dispersal
Estimate the number of individual plants at natural dispersal stage: <50 >50
Is the population:
<u>A single population</u> A population with distinct sub-populations (Can you sample separately or from the most suitable?)
Assess Seed Quality & Availability
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage: Recognized
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:
<u>Healthy</u> Insect-damaged Empty Moldy Malformed/other damage
Estimate the number of healthy seeds per fruit:
Estimate the number of fruits per individual plant:
Should Seed Be Collected On This Trip?
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of >10,000 healthy seeds?